

Revit Structure



Overview

Course Length: 24 hours (*can be taken via flexible schedule in-center or remotely*)

Description: Autodesk Revit Structure The Complete Guide is designed to give you a solid understanding of Revit Structure, its features, and capabilities, from the basics through to the most advanced and complex topics. This course covers Setting the Structural Project, Editing Tools, Standard Views, Details and Schedules, and 3D views.

Autodesk Revit allows professionals to create detailed reinforcement designs, connect steel design and detailing workflows. It is software for architectural design, MEP, and structural engineering, and a solution for collaborative BIM; its powerful tools let you use the intelligent model-based process to plan, design, construct, and manage buildings and infrastructure.

Course Objectives/Topics

New for Revit

Revit Multi-Disciplinary Improvements

Introduction to Revit Structure

User Interface
Project Browser

Getting Started

Starting a New Architectural Project
Settings

Setting up a Structural Project

Setting the Project
Levels and Grids

Structural Columns and Walls

Structural Columns
Walls

From Foundations to Open Web Joists

Understanding Foundations
Floors
Beams

Editing Tools

Selection
Moving and Copying
Other Editing Tools

Documenting Models and Creating Families

Dimensioning
Adding, Tagging and Annotating

Standard Views, Details, and Schedules

Standard Views
Schedules

From 3D Views to Massing

3D Views
Sheets
Analysis
Reinforcements
Massing

Linking Revit Model with Robot Structural Analysis

Links and previewing

Practical practice and Projects

Put what you learned to use. Put it all together with a final project of your choosing.

Prerequisites

You don't need any previous experience with Autodesk Revit Structure to take this course.

Audience

New users to Autodesk Revit Structure.

Please note that course material, content, structure and delivery methods are subject to change without notice.

<https://www.visible-edge.com/home/education-training/>